New Zealand

SENSOR 500

Dedicated Network services telephone

User guide

AUDIOLINE®

The SENSOR 500 is a dedicated network services telephone. SENSOR 500 is compatible with Caller ID, Call Answer and message waiting network services. In addition it is also pre-programmed for access to other optional services.

Up to 10-speed dial memories and 20 name and number phonebook add to its versatility

Other features include: headset socket, on-hook dialling and a choice of 12 languages for the display text.

Note: Caller display, Call Answer and other optional services are usually subscription services.

SENSOR 500

Installation..... 3
Location of controls..... 3
Connection..... 4
Wall mounting..... 5
Headset.....5
Select language..... 5
Display.....6
Set date and time.....6

Using the telephone..... 7
Making a call..... 7
On the hook dialing.....7
Using a headset..... 7
Last number redial..... 8
Volume control..... 8
Mute..... 8
Pause..... 8
Telephone ringer..... 8

Caller display..... 9
New number(s)..... 9
Reviewing the call list.....10
List information.....10
Erase phone number(s).....11
If the call list is full..... 11
Dialling from the call list..... 11

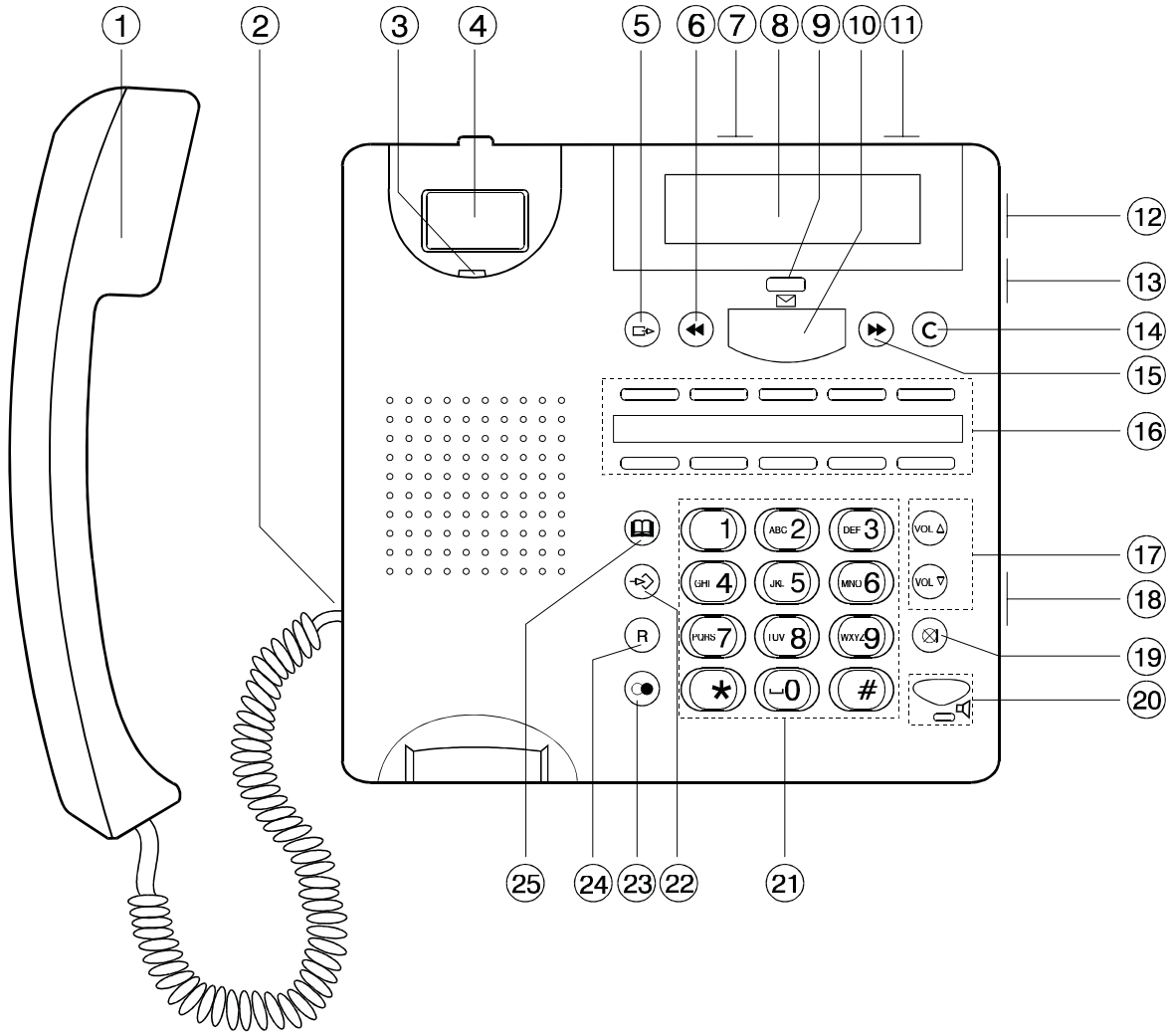
Speed dial memories..... 12
Store number/name.....12

Phonebook.....13
Store.....14
Erase..... 14
Dial..... 14

Call Answering.....15

Miscellaneous.....16
Trouble shooting.....17
Guarantee.....18

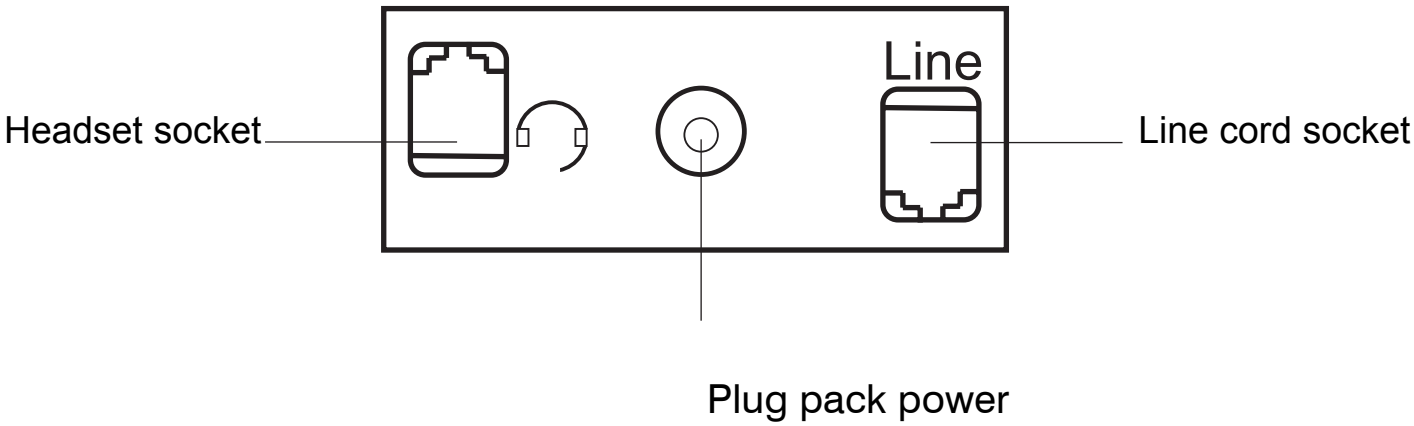
LOCATION OF CONTROLS



1 Handset
2 Curly cord socket
3 Wall mounting hook
4 Hook switch
5 Dial-Up key
6 Scroll call list/phonebook, replay
7 Line cord socket (rear)
8 Display
9 Message waiting indicator
10 Play/Pause messages
11 Headset socket (rear)
12 Switch between speaker/headset
13 Switch for ringer level
14 Erase key
15 Scroll call list/phonebook, save
16 Speed-dial/pre-programmed keys
17 Volume control for handset
18 Volume control for speaker
19 Mute key
20 Key/indicator for speaker/headset
21 Dial keys 0-9, *, #
22 Programming key
23 Redial key
24 Recall-key
25 Phonebook access

CONNECTION TO THE TELEPHONE NETWORK

- Connect the curly cord to the left-hand side of the telephone and to the bottom of the handset.
- Connet the power cord to middle socket of telephone and plug into power outlet.
- Connect the telephone line cord to the socket entitled “LINE” on the rear of the telephone and then connect the cord to the network wall outlet. The display will show: NO CALLS.



To connect headset, see page 4.

Do not place the unit in direct sunlight or in an area of high humidity.

In very rare situations the rubber feet on the base of the telephone may discolour a surface.

It is recommended that you disconnect the base unit from the mains power during a thunderstorm.

Do not use in the rain, near a bath or with wet hands.

To clean the product, use a damp cloth or antistatic wipe. Never spray cleaner fluid directly onto the handset or base unit.

WALL MOUNTING

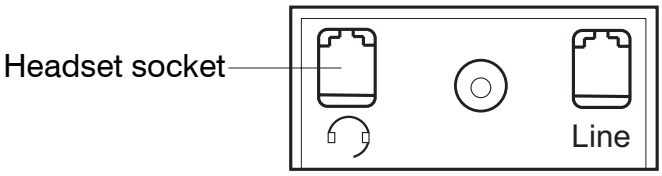
The phone can be wall mounted, using the bracket supplied.

Use the bracket supplied to mark the position of screw holes on the wall. Drill the holes (check for hidden pipes, etc). Use the raw plug and screws, ensuring approximately 3 mm remain between the wall and the head of the screw. Connect the bracket to the rear of the base unit and place the complete assembly above the screws and gently push it down onto the screws. Rotate the handset hanger hook 180 degrees.

HEADSET CONNECTION

A headset can be connected to the socket located on the rear of the telephone.

1. Connect headset to headset socket at the rear of the phone



2. Select headset position, using the switch on the right hand side of the telephone.

On-hook dialling:

Headset:

NOTE!
We recommend that you use a Plantronics headset.

SELECT LANGUAGE

12 languages are available for the dislpay texts: *English, Swedish, Finnish, Danish, Norwegian, German, Spanish, Dutch, Portuguese, Turkish, Italian and French.*

1. Press down until the display shows ”- - - - - - - -”, then release.

2. Press or to select “LANGUAGE”

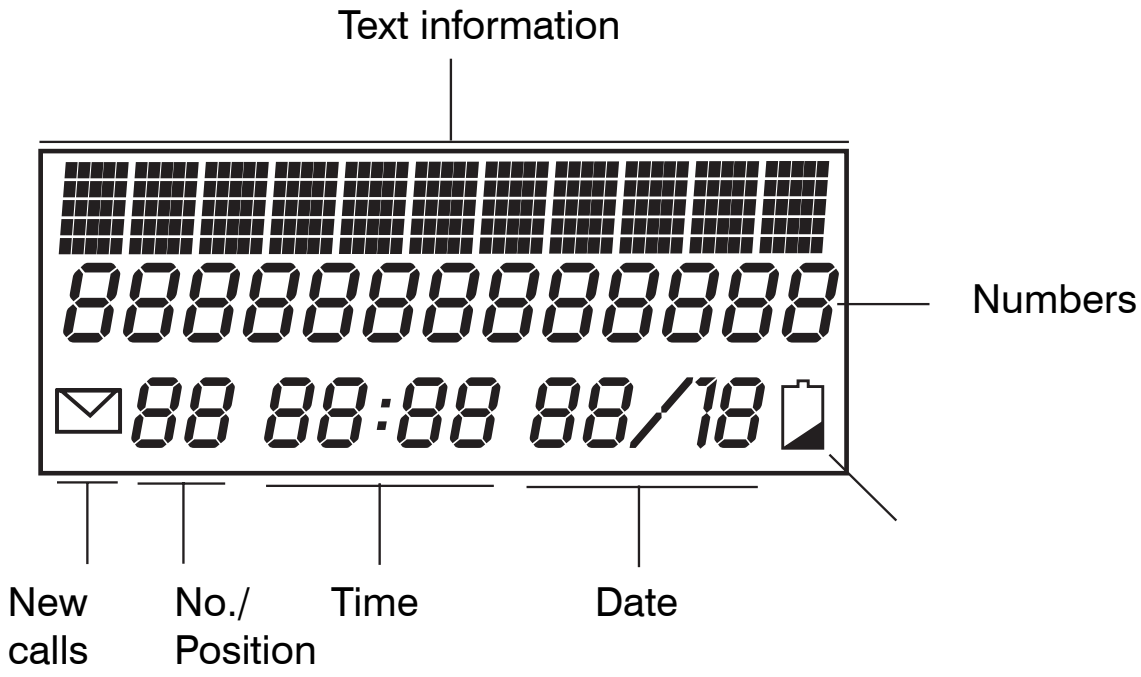
3. Press and release .

4. Select a language, using or .

5. Press and release to store the setting.

DISPLAY

When the unit is in standby mode the display will show: the current date and time, if new calls have been received (if these have not been reviewed or answered) and the total number of calls on the call list.



SET DATE AND TIME

The current date and time will be set automatically once a call is received. However, if you want to set these values yourself, follow the procedure below:

- Press and hold ⟶▷ until the display shows ”- - - - - - - -”., then release.
- Press and release ▶▶ , until the display shows ”SET TIME”.
- Press and release ⊏▷.
- The *hour* is now flashing on the display. Adjust with ◀◀ or ▶▶.
- Press **C** to store the setting and continue.
- The *minute* is now flashing on the display. Adjust with ◀◀ or ▶▶ .
- Press **C** to store the setting and continue.
- The *day* is now flashing on the display. Adjust with ◀◀ or ▶▶ .
- Press **C** to store the setting and continue.
- The *month* is now flashing on the display. Adjust with ◀◀ or ▶▶ .
  Press ⊏▷ to store the setting and return to stand-by

MAKING A CALL

A call can be made in several different ways, using the handset, on-hook dialling or headset.

USING the HANDSET

1. Lift the handset and wait for dial tone.

2. Dial the phone number required.

· To terminate the call replace the handset.

You can change to speaker/headset during a call by pressing and replacing the handset.
Note: Ensure the switch on the right hand side is set to the desired function headset/speaker.

USING the ON-HOOK DIALING

1. Ensure that the switch on the right hand side of the phone is set to .

2. Press and release . Use the volume control on the right hand side to adjust the sound level.

3. Dial the number required.

4. When the called party answers, lift the handset.

· To terminate the call replace the handset.

USING a HEADSET

1. Ensure that the switch on the right side of the phone is set to: .

2. Press and release . Dial tone is heard in the headset.

3. Dial the number required.

· Press and release to terminate the call.

LAST NUMBER REDIAL

If the last number dialled was engaged or the call was not answered, it is possible to redial the number using the button.

- Press and release . The telephone number will be dialled automatically.
- When the called party answers, lift the handset (or headset) to converse. If the call is not answered, press and release

It's also possible to lift the handset and then press the redial key.

VOLUME CONTROL

The sound volume in the handset or headset can be adjusted using the [VOL △] to increase the volume , and [VOL ▽] to decrease the volume.

MUTE

If during a telephone conversation, you wish to talk privately to a third party without the caller overhearing: Press the button (the word MUTE will appear on the display). To resume the conversation, press the button again.

PAUSE

A short pause to numbers stored in the phone book and the speed-dial memories, using this button. This may be required if the phone is connected to a PABX or if used with some network services.

TELEPHONE RINGER

The telephone ringer volume can be set to either high, low or off which is represented by this symbol .

CALLER DISPLAY

Caller display allows you to see who is calling before you answer a call and to see who has called in your absense. When the service is implemented on your telephone line, seconds before your telephone rings the number of the incomming caller will appear on the display. Up to 60 incomming numbers can be stored in the call list. When the list is full, the oldest number will be deleted automatically.

It is not possible to view the call list and take a new call at the same time.

NOTE!
Caller Display is an optional telephone Network service. If the caller Display service is not implemented on your telephone line, incomming call information will not be displayed.

NEW NUMBERS

The words NEW CALL and the number of calls will appear on the display. The envelope symbol on the display will flash. Once the number(s) have been reviewed, NEW CALL will disappear and the indicator will stop flashing.

When an incoming number is received it is assigned a call sequence number which appears on the top left hand side of the display, commencing with 01 (oldest call) up to 60 (latest call).

REVIEWING PHONE NUMBER

Scroll the memory with the keys ◀◀ or ▶▶.

The key ▶▶ Scrolls from the oldest number.

The key ◀◀ Scrolls from the latest number.

The time and date each call is received is shown on the display. If the number is stored iin the phonebook the corresponding name is also shown.

Phone number 9-2805000, received at 10:56 the 14th October. Position number 17.

LIST INFORMATION

The display will also provide the following information:

END OF LIST	The list has been reviewed to the oldest number.
TOP OF LIST	The list has been reviewed to the latest number.
OUT OF RANGE	Call information is not available.
PROTECT	The caller has withheld their number or the number cannot be transmitted.
OOOO	The call is from an international number.
MSG WAITING	A message is waiting in your Network voice system.

ERASE PHONE NUMBER(S)

You may erase a single number or all numbers on the call list.

ERASE A NUMBER

- Scroll the call list until the number to be erased is shown on the display.

- Press **C** twice quickly, then release

ERASE ALL NUMBERS

- Scroll the call list until a number is shown on the display.

- Press and hold **C** until the display shows ”ERASE ALL?”., then release.

- Press and release **C** again. All phone numbers are now erased.

IF THE CALL LIST IS FULL

The call list memory capacity is 60 telephone numbers. When the memory is full, each new coming call will replace the oldest stored number, the principle “first in’ first out” applies. The new number receives the highest number, 60, and all other numbers are moved one step up in the memory order.

DIALLING A NUMBER FROM THE CALL LIST

- Scroll the call list with ◀◀ or ▶▶ until the desired phone number is displayed.

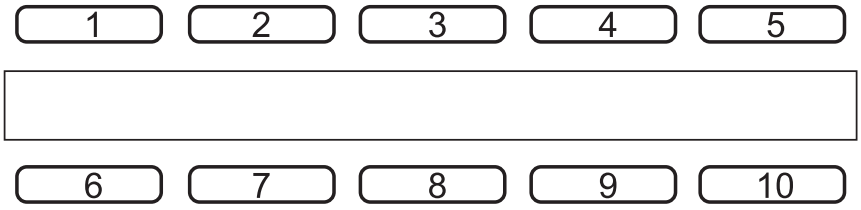
- Lift the handset and press and release ⌐▷.

It is also possible to first press and release ⌐▷ and then lift the handset when the called party answers.

NOTE!
If a charge for local calls is unacceptable, the “Dial Button” should not be used for local calls when using some Service providers. Only the 7-digits of the local number should be dialled from your telephone. Do not dial the area code or the “0” prefix

SPEED-DIAL MEMORIES

Ten 'One-touch' speed dial memories are available. Memories 1 & 2, 6 & 7 have been pre-programmed for easy access to and set of for select services. If required these memories can be re-programmed with numbers of your own choice following the procedure below.



Memroy 1 = Call waiting answer / Call hold
Memory 2 = Stop your telephone number being displayed for this call
Memory 6 = Program call foward always
Memory 7 = Turn Call foward always off

STORE NUMBER/NAME

1. Press →▷.

2. Dial the phone number to wish to store (16 digits maximum).

3. Press and release ⊏▷.

4. Enter a (15 letters maximum) by pressing the relevant keypad digit buttons once or several times (see page 13)
- If the same letter is you want to go to the next position press ▶▶ .
- For edit, press ◀◀.
- To make a space, press 0.

5. Press and release the required speed-dial key to store the entry.

If you want to erase a speed-dial number, replace it with a new number.

DIALLING

1. Press and release the desired speed-dial key. The number is dialled automatically.

2. Lift the handset when the other person answers (or use a headset).
It's also possible to lift the handset first and then press the speed-dial key.

SPEED-DIAL RINGER SOUND

When any of the numbers that are stored in the one touch memories call you, an alternative ringer tone is heard, this feature allows you to distinguish between callers, without looking at the display.

STORE NUMBER/NAME

The telephone has a phone book where you can store 20 names and telephone numbers for easy access and fast dialling.
When one of these phone numbers calls, both name and number will be displayed. In stand-by display will alternate between NEW CALLS and VIP on the upper line. This ensures that you see when a call that matches a number in the phone book (or speed-dial memory) is received.

Incoming call/reviewing

Stand-by

LETTERS

The keypad digit buttons are also used to store letters in the phone book. Printed on each keypad button are a number of letters which in total make up the english alphabet. Other letters and some special symbols for example ! and & exist in the memory even though they are not printed on the buttons, the table below indicates where you will find them.

Key	Character	Key	Character
1	. , ? - ! & 1	7	P Q R S 7
2	A B C Å Ä Æ 2	8	T U V 8
3	D E F 3	9	W X Y Z 9
4	G H I 4	*	*
5	J K L 5	0	Space 0
6	M N O Ö Ø 6	#	#

STORE NUMBER/NAME

1. Press and release 📖. The display shows how many numbers/ names are stored in the phonebook.

2. Press ⇨.

3. Dial the full number to be stored as you would manually dial that number (16 digits maximum).

4. Press and release ⇨.

5. Enter a name. (15 letters maximum) by pressing the relevant keypad digit buttons once or several times (see page 13)

- If you have to enter the same letter twice, press and release ▶▶ to move onto the next position
- For edit, press ◀◀.
- To make a space, press 0.

6. Press and release ⇨.

· Continue to store numbers from point 1 above or press and release 📖 to exit.

ERASE NUMBER/NAME IN THE PHONEBOOK

· Press 📖, the display shows the amount of stored numbers in the phonebook.

· Use ◀◀ or ▶▶ to scroll the desired number.

· Press **C** twice to erase the number.

· Continue to erase numbers or press 📖 to return to standby mode.

DIALLING FROM THE PHONEBOOK

1. Press 📖, the display shows the amount of stored numbers in the phonebook.

2. Select the number required with ◀◀ or ▶▶.

3. Press and release ⇨.

4. Lift the handset when the called party answers (or talk in a headset).

CALL ANSWERING

To check your messages, simply press Play and your messages will be played to you.
Whilst listening to your messages you can use the keys featured below to operate various options.

Backwards

Pause/Play

Forward

Erase current message

To use the other features of the network service, press the corresponding key.

Message waiting indicators

The LED indicator will flash
The display will alternate ‘NEW CALLS’ and ‘MSG WAITING’

These indicators will only work when you have subscribed to a network voice message service. (Telecom Call Minder)

You will have to retrieve all your messages before they are extinguished.

Note: These indicators will be reset to off when the phone is disconnected or during a power failure.

RE-PROGRAM FOR ALTERNATIVE CALL ANSWERING SERVICE

If the pre-programmed keys are not compatible with your network operators answering service, it is possible to re-program the keys.

- Press.
- Press and hold down until the display shows text, then release
- Enter digit (s) to store
- Press the key required.
- Press to store
- Press to finish.

TROUBLE SHOOTING

THE RED LED INDICATOR ON THE BASE UNIT IS FLASHING

· There is a message waiting in your Network voice message system.

INCOMING NUMBERS ARE NOT VISIBLE ON THE DISPLAY

· Have you subscribed to the caller display service?

· If “Out of area” or “Withheld Secret” are displayed, it either means that no information of the number is available or that the caller has withheld their number.

· Is the phone connected to a PABX? Caller display is not available when connected to a PABX.

THE TELEPHONE DOES NOT WORK

· Check that the ringer is switched on.

· Does the total of RN numbers exceed 4? If it does, disconnect other equipment until 4 is achieved.

NO DIALLING TONE

· Is the telephone line cord plugged into a telephone network wall socket?

MEMORY DIALLING DOES NOT WORK

· Store a number and try again.

RN

The RN (Ringer Equivalance Number) is of significance only if you wish to connect more than 1 telephone to your telephone line. Your telephone line has a maximum RN capacity of 5. Your Audioline Sensor500 has a RN of 0.5, thus it is feasible to connect 4 more telephones of a value of 1 to your system. You should not exceed a value of 5 on the complete system, otherwise the volume of the ringer in any phone will decrease and one telephone may not ring at all.

GUARANTEE

If you believe your SENSOR 500 is malfunctioning, please refer to the relevant section and/or consult the troubleshooting guide in this manual to ensure that you have followed the instructions carefully.

The SENSOR 500 is warranted for a period of 12 months from the date of purchase by you, the end user. In the unlikely event of a fault during this period. please contact our Helpline for assistance. If the product is then found to be faulty you will be asked to return it directly to the service agent, ATLAS GENTECH (NZ) LIMITED with a copy of the purchase receipt.

ATLAS GENTECH (NZ) LIMITED
87 Carbine Road,
Mt Wellington,
Auckland

Service & Spare Parts (Toll Call): 0900 50 025
Fax: (09) 574-2722
Email: helpdesk@atlasgentech.co.nz

NOTE: The guarantee does not extend to damage caused by misuse, negligence, excessive voltage, faults on the telephone line or lighting. This guarantee in no way affects your statutory right. DORO is the trade mark of DORO AB.

The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum condition for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

Warning:
This equipment may not provide for the effective hand-over of a call to another device on the same line.

This equipment shall not be set to make automatic calls to the Telecom '111' Emergency Service.